

<Other Embodiment>

The object of the present invention can also be achieved by providing a storage medium storing program codes for performing the aforesaid processes to a  
5 computer system or apparatus (e.g., a personal computer), reading the program codes, by a CPU or MPU of the computer system or apparatus, from the storage medium, then executing the program.

In this case, the program codes read from the  
10 storage medium realize the functions according to the embodiment, and the storage medium storing the program codes constitutes the invention.

Further, the storage medium, such as a floppy disk, a hard disk, an optical disk, a magneto-optical disk,  
15 CD-ROM, CD-R, a magnetic tape, a non-volatile type memory card, and ROM can be used for providing the program codes.

Furthermore, besides aforesaid functions according to the above embodiment are realized by executing the  
20 program codes which are read by a computer, the present invention includes a case where an OS (operating system) or the like working on the computer performs a part or entire processes in accordance with designations of the program codes and realizes functions according to the  
25 above embodiment.

Furthermore, the present invention also includes a case where, after the program codes read from the

storage medium are written in a function expansion card which is inserted into the computer or in a memory provided in a function expansion unit which is connected to the computer, CPU or the like contained in the

5 function expansion card or unit performs a part or entire process in accordance with designations of the program codes and realizes functions of the above embodiment.

In a case where the present invention is applied to

10 the aforesaid storage medium, the storage medium stores program codes corresponding to the flowcharts shown in Figs. 5 to 8 described in the embodiment.

The present invention is not limited to the above embodiments and various changes and modifications can be

15 made within the spirit and scope of the present invention. Therefore to apprise the public of the scope of the present invention, the following claims are made.